PTO/SB/96 (11-08)
Approved for use through 12/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: QUALCOMM INCORPORATED

Application No./Patent No.: 09/902,193 Filed/Issue Date: 07-10-2001

Entitled: Method and apparatus for transmitting and receiving signals

QUALCOMM INCORPORATED (Name of Assignee), a CORPORATION (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☑ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest (The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. ☑ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: JOHN SAMUELS To: NOKIA MOBILE PHONES LIMITED
   The document was recorded in the United States Patent and Trademark Office at
   Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: NOKIA MOBILE PHONES LIMITED To: NOKIA CORPORATION
   The document was recorded in the United States Patent and Trademark Office at
   Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: NOKIA CORPORATION To: QUALCOMM INCORPORATED
   The document was recorded in the United States Patent and Trademark Office at
   Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☑ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Charles D Brown
Signature

1-12-09
Date

CHARLES D. BROWN
Printed or Typed Name

858.651.6731
Telephone Number

VP, PATENT COUNSEL
Title

AC/3406-US

PATENT 96035 US

Attorney Docket No.: _____

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☐ U.S. Application or ☐ U.S. Patent
For: ☐ PCT Application
By: Single Inventor

ASSIGNMENT OF INVENTION (SINGLE INVENTOR)

In consideration of the payment by ASSIGNEE to the ASSIGNOR signing this assignment of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

ASSIGNORS (Inventor):

NAME	ADDRESS	NATIONALITY
John Samuels	91 Bishops Wood Goldsworth Park Woking Surrey GU21 3QD United Kingdom	British

hereby individually sell, assign and transfer to ASSIGNEE:

NOKIA MOBILE PHONES LIMITED
KEILALAHDENTIE 4
02150 ESPOO
FINLAND

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest
☐ an undivided _____ per cent (____ %) interest for the United States and its territorial possessions
☒ and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:

METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING SIGNALS

(check and complete (a), (b), (c), (d) or (e))

and which is found in

(a) U.S. patent application executed on the same date that I sign this assignment below

(b) ☐ U.S. patent application executed on _____

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above in (a) or (b), to insert below the filing date and application number when it becomes known.

(c) ☒ U.S. application serial no. 08/994,228 filed on 19 DECEMBER 1997

(d) ☐ International application no. _____

(e) ☐ U.S. patent no. _____ issued _____

(check (f) if foreign application(s) is also being assigned)

(f) ☒ and any legal equivalent thereof in a foreign country, including the right to claim

priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

DATE: 12/2/98

By: J. Samuels

NAME: John Samuels

☐ Notarization or Legalization Page Added.

Note: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

NATIONAL BOARD OF PATENTS AND REGISTRATION OF FINLAND

EXTRACT FROM THE TRADE REGISTER

Company name: Nokia Matkapuhelimet Oy

Business Identity Code:	0300326-6
Trade Register Number:	269.874
Company Registered:	06.07.1979
Company Form:	limited liability company
Domicile:	Espoo

Register entries:

COMPANY NAME (reg. 21.06.1989-30.09.2001)
Nokia Matkapuhelimet Oy.

PARALLEL COMPANY NAME (reg. 21.06.1989-30.09.2001)
Parallel company name (English): Nokia Mobile Phones Ltd.

DOMICILE (reg. 18.03.1997-30.09.2001)
Espoo.

IMPLEMENTATION OF MERGER (registered 01.10.2001)
By a permission granted by the Registration Authority Marineland Oy Business ID 0196242-0, Nokia Networks Oy Business ID 0101120-3, Nokia Matkapuhelimet Oy Business ID 0300326-6, Nokia Display Products Oy Business ID 0751877-7, Nokia Multimedia Terminals Oy Business ID 0812093-9, have merged with a company named Nokia Oyj Business ID 0112038-9.

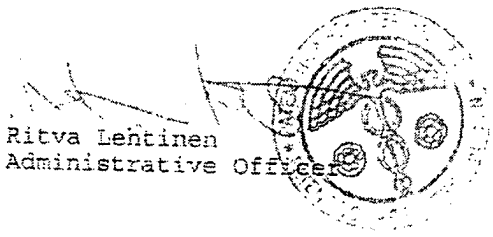
DISSOLUTION/TERMINATION OF BUSINESS (registered 01.10.2001)
The company has been dissolved.

ADDITIONAL INFORMATION:
No information on bankruptcy, liquidation and reorganization proceedings, if any, is available in the computer system from the time preceding December 02, 1994.
01.10.2001 Termination of business entered in the register.

COMPANY NAME HISTORY:
21.06.1989 - 30.09.2001 Nokia Matkapuhelimet Oy
24.07.1986 - 20.06.1989 Nokia-Mobira Oy
06.07.1979 - 23.07.1986 Mobira Oy

Helsinki, 12 June 2008

For a true copy of the extract:



Ritva Lehtinen
Administrative Officer

Fee €91.50

EXHIBIT B

FORM OF PATENT ASSIGNMENT

WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland ("Nokia"), is the owner of certain patents and patent applications, as more particularly described on Attachment 1 hereto (collectively, the "Patents"); and

WHEREAS, Nokia has agreed to assign all of its right, title, and interest in and to: i) the Patents; and ii) all continuations, divisions, reissues and reexaminations containing at least one claim which claims priority from any of the Patents (the "Related Patents") to QUALCOMM Incorporated, a corporation organized under the laws of Delaware ("Qualcomm").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

Nokia hereby sells, assigns, transfers and conveys to Qualcomm, and its successors and assigns, all right, title, and interest in and to each of the Patents listed on Attachment 1 hereto and all Related Patents.

This sale, assignment, transfer, and conveyance to Qualcomm, and its successors and assigns, is made subject to certain nonexclusive retained rights in favor of Nokia and certain pre-existing nonexclusive rights granted by Nokia for the Patents listed on Attachment 1 and for the Related Patents, all as are set forth in that certain Subscriber Equipment and Infrastructure Equipment License Agreement between Qualcomm and Nokia Corporation dated July 22, 2008 (the "Agreement"). As to such nonexclusive retained rights, Nokia hereby acknowledges and agrees that, on and after the date of this Assignment of Patents and Related Patents, Nokia does not retain any right under the Patents and Related Patents to (i) commence or prosecute any patent infringement litigation or any procedure for resolution of a controversy, whether arising or created by a claim, counterclaim or otherwise (as determined in the broadest sense and in whatever form), whether administrative, judicial, arbitral or otherwise, including, but not limited to, any proceeding before the United States International Trade Commission or in any jurisdiction throughout the world or (ii) exclude others (including, but not limited to, Qualcomm) from making (and having made), selling, offering to sell, using, importing or otherwise disposing of any products and/or services.

Subject to the provisions of Section 6 of the Agreement (including without limitation the rights retained by Nokia and the limitations imposed on Qualcomm in Section 6.3), this sale, assignment, transfer, and conveyance to Qualcomm, and its successors and assigns, also includes, without limitation, the right to enforce, assert, and sue for past, present, and future infringement on each of the foregoing Patents and Related Patents, and the right to recover and collect for past, present, and future damages with respect thereto.

IN WITNESS WHEREOF, the undersigned has caused this Assignment of Patents to be executed on 28 October, 2008.

By: _____

Name: _____

Title: _____

Harri Honkasalo
Director of IPR Patent Filing & Prosecution

This is to certify that Jan Granholm and Harri Honkasalo
are authorized to sign on behalf of
Nokia Corporation
Helsinki
28. 10. 2008

Ex officio:
PAULA

STATE OF _____)
) SS
COUNTY OF _____)

The foregoing Assignment of Patents was hereby acknowledged and executed before me on this ___ day of _____, by _____, the _____ of _____, a corporation organized under the laws of _____, on behalf of such corporation.

Notary Public: _____ County, _____

My commission expires: _____

ATTACHMENT I

Priority date	Country	Application No.	Grant No.	Title	Standard	SDO	Do...
09 Jan 1991	US	08/081296	5406231	Oscillator unit with improved frequency stability	Not declared		
08 Aug 1991	US	08/608204	5625879	Channel waiting method for a radio system	Not declared		
04 Feb 1993	DE	94905740.0	69419846.3	A METHOD OF TRANSMITTING AND RECEIVING CODED	Not declared		
	EP	94905740.0	634043				
	GB	94905740.0	634043				
	US	08/313253	5715362				
24 Sep 1993	US	08/619729	5752161	Method and apparatus for replacing a failed channel unit of a	Not declared		
23 Jun 1993	US	08/577512	5978687	Method for establishing a call in a cellular radio system	Not declared		
13-Jun-1994	AT	95922536.8	806120	POWER CONTROL METHOD AND ARRANGEMENT FOR	UMTS (T63)	ARIB	20040325 ver3
	AU	2739095	695283		UMTS	ETSI	20030627
	BE	95922536.8	806120				
	CH	95922536.8	806120				
	CN	95193557.7	95193557.7				
	DE	95922536.8	69534205.3				
	EP	95922536.8	806120				
	FI	942805	111580				
	GB	95922536.8	806120				
	HK	98103537.7	1004183				
	IT	95922536.8	806120				
	JP	8501690	3871707				
	NL	95922536.8	806120				
	US	08/765265	5862489				
	WO	PCT/FI95/00340					
27-Sep-1997	AT	95932032.6	783811	DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM	UMTS (T63)	ARIB	20030130 ver1
	AU	35240/95	696802		cdma2000 (T64)	ARIB	20020801
	CA	2200307	2200307		GSM	ETSI	only unsigned umbrella form
	CN	95195967	95195967		UMTS	ETSI	20010531, 20010605
	DE	95932032.6	69533447.6				
	EP	95932032.6	783811				
	ES	95932032.6	783811				
	FI	944488	96558				
	FI	971270	115094				
	FR	95932032.6	783811				
	GB	95932032.6	783811				
	GR	95932032.6	783811				
	HK	98100352.5	1001449				
	IT	95932032.6	783811				
	JP	2006-270882	4044121				
	JP	8511421					
	KR	701981/1997	679348				
	LU	95932032.6	783811				
	NL	95932032.6	783811				
	SE	95932032.6	783811				
	SG	9701451.8	39164				
	US	08/676024	6072787				
	US	09/506735					
	US	08/817331	6240079				
	WO	PCT/FI95/00527					
03 Sep 1993	US	08/600990	5752197	Method for adjusting transmission power in a radio system, and an exchange	Not declared		
15 Sep 1994	US	08/640980	5833479	Surface mount test point enabling hands-free diagnostic testing of electronical circuits	Not declared		
25 May 1988	US	07/349161	5212834	Circuit for extending the dynamic range of an intermediate level selector	Not declared		

ATTACHMENT 1

Priority date	Country	Application No.	Grant No.	Title	Standard	SDO	Date
03 Feb 1989	US	07/468372	5016851	Attachment system for the holder of the operating device of a radiophone	Not declared		
29 Mar 1989	US	07/490159	5118965	Analog pulse converter from square to triangular to cos.sup.2 wave	Not declared		
12 May 1989	US	07/519118	5109538	Circuitry for widening the effective range of a transmitter	Not declared		
11 May 1989	US	07/777453	5214372	Linearizing circuit for dectection of a RF-power sensor	Not declared		
01 Dec 1989	US	07/621089	5173927	Frequency detector system on a digital phase locked loop	Not declared		
18 Jan 1990	US	07/638130	5079520	Interpolating phase-locked loop frequency synthesizer	Not declared		
29 Mar 1990	US	07/954485	5266949	Lighted electronic keyboard	Not declared		
27 Apr 1990	US	07/699302	5194826	Circuitry arrangement for the elimination of spurious response in a radio telephone receiver	Not declared		
29 Mar 1990	US	07/662760	5164884	Device for cooling a power transistor	Not declared		
14 Jan 1991	US	07/817777	5204643	Controllable high-frequency attenuator	Not declared		
22-Oct-1991	US	07/781998	5276917	Transmitter switch-on in a dual-mode mobile phone			
19 Mar 1991	US	07/848647	5268819	Circuit board assembly	Not declared		
23 Apr 1993	US	08/052335	5392460	Dual mode radiotelephone terminal selectively operable for frequency modulated or phase modulated operation	Not declared		
	US	08/305584	5446422				
13 Dec 1991	US	07/982375	5311151	I/Q modulator and demodulator having a single bridge	Not declared		
19 Dec 1991	US	07/089076	5379458	Transformerless diode mixer	Not declared		
01 Nov 1991	US	07/967512	5287540	Digital detector	Not declared		
24 Feb 1992	DE	93301051.4	558210	Radio transceiver apparatus with booster	Not declared		
	EP	93301051.4	558210				
	FR	93301051.4	558210				
	GB	93301051.4	558210				
11 Sep 1993	US	08/301614	5469126	I/Q-modulator and I/Q-demodulator	Not declared		
10 Dec 1992	US	08/157618	5524288	Tuning of a radio receiver	Not declared		
12 Oct 1992	US	08/565239	5835526	Channel equalizer for a telecommunication system	Not declared		
11 May 1992	DE	93303572.7	69329569.4	Digital coding of speech signals using analysis filtering and synthesis filtering	Not declared		
	EP	93303572.7	570171				
	FR	93303572.7	570171				
	US	08/060427	5579433				
06 May 1993	DE	94303292.0	69419453	Method and apparatus for implementing a long-term synthesis filter	Not declared		
	EP	94303292.0	623916				
	FR	94303292.0	623916				
	US	08/639718	5761635				
2-Oct-1992	US	08/292355	5457814	Power boost system for cellular telephone			
08 Feb 1994	DE	95300745.7	69524890.1	Parametric speech coding	Not declared		
	EP	95300745.7	666558				
	FR	95300745.7	666558				
	GB	95300745.7	666558				
	JP	7-20671	3602593				
	US	08/382875	5742733				
09 Sep 1994	US	08/767289	5764692	Dual mode radiotelephone modulator	Not declared		
29 Oct 1993	GB	9421660.3	2283392	RF channel simulator	Not declared		
	US	08/330265	6058261				
14 Nov 1994	US	08/555012	5740521	Method and circuit for creating frequencies for a radio telephone	Not declared		
09 Oct 1996	US	08/946370	5949267	Circuit arrangement for generating signals with different phases	Not declared		
21 Apr 1995	US	08/634509	5822366	Transceiver and method for generating and processing complex I/Q-signals	Not declared		

ATTACHMENT 1

Priority date	Country	Application No.	Grant No.	Title	Standard	SDO	[illegible]
10-Jun-1994	DE	95303929.4	69522501.4	Method to reduce the power consumption of an electronic device comprising a voltage regulator	not declared		
	EP	95303929.4	686903				
	ES	95303929.4	686903				
	FR	95303929.4	686903				
	GB	95303929.4	686903				
	US	08/485999	5717319				
09 Oct 1996	US	08/947419	6041298	Process for the synthesis of a frame of a speech signal	Not declared		
19 Dec 1994	US	08/693134	6092222	Data transmission method, data transmission system, and cellular radio system	Not declared		
31-Aug-1995	AU	32605/95	712159	Handover method, and a cellular radio system	802.16 (T94)	ARIB	20080327
	BE	95929130.3	872141		UMTS (T63)	ARIB	20010905
	CH	95929130.3	872141		cdma2000 (T64)	ARIB	20020801
	CN	95197949.3	95197949.3		UMTS	ETSI	20010605
	DE	95929130.3	69532826.3		IEEE802.16	IEEE	20090629
	EP	95929130.3	872141				
	ES	95929130.3	872141				
	FR	95929130.3	872141				
	GB	95929130.3	872141				
	IT	95929130.3	872141				
	JP	9-509874	3825049				
	NL	95929130.3	872141				
	NO	19980874	321945				
	SE	95929130.3	872141				
	US	09/043012	6198928				
	WO	PCT/FI95/00467					
6-Feb-1996	AT	4100776.6	1437913	Establishment of macro diversity with random access type connections in a cellular radio system	cdma2000 (T64)	ARIB	20020801
	AU	16041/97	719096		UMTS	ETSI	20020704
	BE	97902378.5	953259		UMTS (T63)	ARIB	20030130 ver2
	BE	4100776.6	1437913				
	CH	97902378.5	953259				
	CH	4100776.6	1437913				
	CN	97192111.3	97192111.3				
	DE	97902378.5	69730992.4				
	DE	4100776.6	69734943.8				
	EP	97902378.5	953259				
	EP	4100776.6	1437913				
	ES	97902378.5	953259				
	ES	4100776.6	1437913				
	FI	960541	102447				
	FR	97902378.5	953259				
	FR	4100776.6	1437913				
	GB	97902378.5	953259				
	GB	4100776.6	1437913				
	IT	97902378.5	953259				
	IT	4100776.6	1437913				
	JP	9-528190	4020967				
	NL	97902378.5	953259				
	NL	4100776.6	1437913				
	NO	19983605	316591				
	SE	97902378.5	953259				
	SE	4100776.6	1437913				
	US	09/117923	6539236				
	US	11/087107	RE39381				

ATTACHMENT I

Priority date	Country	Application No.	Grant No.	Title	Standard	SDO	
	WO	PCT/FI97/00064					
11-May-1994	AT	95918002.7	709015	Control of handover and transmission power control of mobile station in a mobile telecommunications system	UMTS	ETSI	20011221
	AU	24104/95	682112		cdma2000 (T64)	ARIB	20020801 not applied JP
	BE	95918002.7	709015				
	CH	95918002.7	709015				
	CN	95190411.6	95190411.6				
	DE	95918002.7	69522527.8				
	EP	95918002.7	709015				
	FI	942191	96468				
	FR	95918002.7	709015				
	GB	95918002.7	709015				
	IT	95918002.7	709015				
	JP	7-529392	3831762				
	NL	95918002.7	709015				
	NO	19960118	316843				
	SE	95918002.7	709015				
	US	08/591557	5898925				
	US	08/676043	5991627				
	WO	PCT/FI95/00249					
31 Dec 1997	US	09/607072	7050439	Method for performing discontinuous transmission in an asynchronous transfer mode	Not declared		
13-Mar-1997	DE	98909518.7	69806580.8	Adaptive filter	H.264/AVC	ITU-T/ISO/IEC	20010607 and 20071221 update
	DE	3029893.9	69837728.1				
	EP	98909518.7	966841				
	EP	3029893.9	1429563				
	FI	971060	106071				
	FR	98909518.7	966841				
	FR	3029893.9	1429563				
	GB	98909518.7	966841				
	GB	3029893.9	1429563				
	HK	103952	1026321				
	JP	2005-333208					
	JP	10-539257	3771275				
	NL	98909518.7	966841				
	NL	3029893.9	1429563				
	US	10/760873	7242815				
	US	09/380918	6724944				
	WO	PCT/FI98/00219					
27-Mar-1997	BE	98912523.2	935894	ALLOCATION OF CONTROL CHANNEL IN PACKET RADIO NETWORK	GSM	ETSI	20020724
	CA	2254142	2254142				
	CH	98912523.2	935894				
	CN	98800378.3	98800378.3				
	DE	98912523.2	69828766.5				
	DE	5100416.6	69835045.6				
	EP	98912523.2	935894				
	EP	5100416.6	1538863				
	ES	98912523.2	935894				
	FI	971537	104610				
	FR	98912523.2	935894				
	GB	98912523.2	935894				
	GB	5100416.6	1538863				
	IN	IN651/MAS/98	195337				

ATTACHMENT 1

Priority date	Country	Application No.	Grant No.	Title	Standard	SDO	[illegible]
	IT	98912523.2	935894				
	MY	PI9801360	MY-119520-A				
	NL	98912523.2	935894				
	SE	98912523.2	935894				
	SG	9805667.4	60504				
	US	09/194572	6430163				
	WO	PCT/FI98/00281					
	ZA	98/2553	98/2553				
10-Sep-1997	AU	91638/98	747896	METHOD OF IMPLEMENTING MACRODIVERSITY	UMTS	ETSI	20010605
	CH	98943911.2	1021874		UMTS (T63)	ARIB	not found
	CN	98809032.5	98809032.5				
	DE	98943911.2	69832405.6				
	DK	98943911.2	1021874				
	EP	98943911.2	1021874				
	ES	98943911.2	1021874				
	FI	973652	103446				
	FR	98943911.2	1021874				
	GB	98943911.2	1021874				
	GR	98943911.2	1021874				
	IT	98943911.2	1021874				
	JP	2000-511310	3745224				
	NO	20001225					
	SE	98943911.2	1021874				
	US	09/520387	6359865				
	WO	PCT/FI98/00702					
29-Jan-1998	AT	99900905.3	1064799	Method of ciphering data transmission, and cellular radio system	UMTS	ETSI	20010605
	AU	20570/99	750597		IEEE802.16	IEEE	20090629
	BR	PI9907196.7			IEEE802.11	IEEE	20090629
	CN	99802508.9			802.16 (T94)	ARIB	20080327
	DE	99900905.3	69932814.4		UMTS (T63)	ARIB	not found
	EP	99900905.3	1064799				
	ES	99900905.3	1064799				
	FI	980209	111433				
	FR	99900905.3	1064799				
	GB	99900905.3	1064799				
	IN	2000/00204/CHE	200260				
	IT	99900905.3	1064799				
	JP	2006-172721					
	KR	2000-7008254	431638				
	NL	99900905.3	1064799				
	US	09/238313	6535979				
	WO	PCT/FI99/00059					
23 Sep 1998	US	09/159005	6522653	Use of priorities defined by a customer in a SIMA network	Not declared		
7-Jan-1998	AU	18802/99	752333	Cell selection in a multiple modulation cellular radio system	GSM	ETSI	20010531
	CN	99803540.8	99803540.8				
	DE	99300036.3	69915715.3				
	EP	99300036.3	929203				
	FI	980020	106607				
	FR	99300036.3	929203				
	GB	99300036.3	929203				
	HK	1106236					
	IT	99300036.3	929203				
	JP	2000-528121					
	US	09/224234	6788952				

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Priority date	Country	Application No.	Grant No.	Title	Standard	SDO	
	WO	PCT/FI99/00006					
1-Sep-1998	AU	54251/99	757352	Method for transmitting background noise information in data transmission in data frames	GSM	ETSI	20011221
	BR	PI9912994.9			UMTS (T63)	ARIB	20030130 ver1
	CN	99810506.6	99810506.6		UMTS	ETSI	20011221 and 20070821
	DE	19941331.2	19941331.2		ETSI WCDMA is withdrawn on 21-Aug-07		
	FI	981869	105635				
	FR	9910952	9910952				
	GB	9920153.5	2344722				
	IT	MI99A001858	1313290				
	JP	11-247569	3424918				
	KR	2001-7002028	470596				
	US	09/387369	6658054				
	WO	PCT/FI99/00706					
02 Nov 1995	CN	96191305.3	96191305.3	Method and arrangement for interference-protected power supply	Not declared		
	US	08/875057	6009337				
24-Sep-1996	AU	43868/97	723472	DETERMINING GRADE OF SERVICE AND MOBILE TELEPHONE SYSTEM	UMTS (T63)	ARIB	20030130 ver1
	BE	97942054.4	976266		UMTS	ETSI	20011221
	CN	200510078656.60					
	CN	97198217.1	97198217.1				
	DE	97942054.4	69733839.8				
	EP	97942054.4	976266				
	ES	97942054.4	976266				
	FI	963814	104141				
	FR	97942054.4	976266				
	GB	97942054.4	976266				
	GR	97942054.4	976266				
	HK	06111191.8					
	IE	97942054.4	976266				
	IT	97942054.4	976266				
	JP	10-515313	3914578				
	NL	97942054.4	976266				
	NO	19991398	318280				
	SE	97942054.4	976266				
	US	09/269226	6560460				
	WO	PCT/FI97/00570					
27-Mar-1997	AU	67316/98	732086	PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMS	GSM	ETSI	20010531
	BE	98912514.1	920760				
	CH	98912514.1	920760				
	CN	98800380.5	98800380.5				
	DE	98912514.1	69823964.4				
	EP	98912514.1	920760				
	EP	04101088.5					
	ES	98912514.1	920760				
	FI	971319	104874				
	FR	98912514.1	920760				
	GB	98912514.1	920760				
	IT	98912514.1	920760				
	NL	98912514.1	920760				
	NO	19985510					

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	SE	98912514.1	920760				
	US	09/171968	6577619				
	WO	PCT/FI98/00272					
13-Oct-1997	US	09/547521	6665531	Transmission system for relaying short messages	not declared		
	WO	PCT/FI98/00793					
11 Apr 1997	US	09/402646	6999775	Method of controlling load in mobile communication system by DTX period modification	Not declared		
11 Dec 1996	US	09/319301	6229738	Resettable memory structure	Not declared		
02 Nov 1998	US	09/796178	6459893	Method and system for tracing a subscription	Not declared		
27 Jun 1997	US	09/464944	6731641	Processing of signalling messages in ATM node	Not declared		
07 Oct 1998	US	09/825763	6577719	Method and system for the processing of tariff data	Not declared		
1-Apr-1996	DE	97660033.8	69737000.3	Transmitter/receiver for transmitting and receiving of an RF signal in two frequency bands	not declared		
	EP	97660033.8	800283				
	EP	06122028.1					
	FI	961465	100286				
	FR	97660033.8	800283				
	SE	97660033.8	800283				
	US	08/827323	5896562				
08 Jul 1996	US	08/677724	5787362	AM removal from FM signal generated by IQ modulator	Not declared		
22 Feb 1996	US	08/602401	5896373	Method for executing handover in a radio extension of an ATM network	Not declared		
15 May 1997	US	08/856964	5974305	Dual band architectures for mobile stations	Not declared		
	US	09/321032	6215988	Dual band architectures for mobile stations			
28-Feb-1997	CN	98802945.6	98802945.6	Cell prioritising in a cellular radio system	GSM	ETSI	20020724
	DE	98301527.2	69831987.7				
	EP	98301527.2	862346				
	ES	9950041	9950041				
	FR	98301527.2	862346				
	GB	98301527.2	862346				
	IT	98301527.2	862346				
	SE	9903029.8	524554				
	US	09/028726	6978142				
	WO	PCT/FI98/00182					
24-Jun-1997	AT	98924337.3	992131	TIME DIVISION MULTIPLE ACCESS RADIO SYSTEMS	GSM	ETSI	only annex form 20000308
	AU	76563/98	726098				
	CN	98806506.1	98806506.1				
	DE	98924337.3	69810774.8				
	EP	98924337.3	992131				
	FI	972724	104135				
	FR	98924337.3	992131				
	GB	98924337.3	992131				
	IT	98924337.3	992131				
	NL	98924337.3	992131				
	RU	2000101859	2195773				
	SE	98924337.3	992131				
	US	09/098832	6967943				
	WO	PCT/FI98/00468					
5-Nov-1997	AU	89266/98	754592	Method and arrangement for defining transmission power in a mobile station	GSM	ETSI	20010531
	BR	PI9804390.0					
	CH	2114/98	693807				
	CN	98123845.9	98123845.9				
	DE	19847678.7	19847678				
	ES	9802289	9802289				

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	FI	974144	108665				
	FR	9813208	9813208				
	GB	9823843.9	2331203				
	IN	2404/MAS/98	208479				
	IT	MI98A002375	1303703				
	NL	1010477	1010477				
	RU	98120252	2216862				
	US	09/185687	6744742				
29 May 1998	US	09/316353	6404354	Rotary controller for electrical or electronic apparatuses	Not declared		
22 Dec 1998	US	09/469202	6273573	Display window	Not declared		
23 Dec 1996	GB	9626732.3	2320632	Method and apparatus for transmitting and receiving signals	Not declared		
	US	08/994228	6628927				
	US	09/902193					
13 Oct 1998	US	09/416228	6629068	Calculating a postfilter frequency response for filtering digitally processed speech	Not declared		
19 Mar 1997	US	09/032205	6055496	Vector quantization in celp speech coder	Not declared		
01 Jul 1997	US	08/886609	5924062	ACLEP codec with modified autocorrelation matrix storage and search	Not declared		
19 Dec 1997	US	09/593651	6631275	Method for accelerating call establishment in a radio communication system	Not declared		
23-Mar-1998	CN	99805223.X	99805223.X	Services on demand in mobile communications system	UMTS (T63)	ARIB	20030130 ver3
	EP	99911627.6			UMTS	ETSI	20021219
	FI	980651	107859				
	JP	2000-542936					
	US	11/147368	7266366				
	US	11/882068					
	US	09/668315	6957063				
	WO	PCT/FI99/00229					
31-Mar-1998	BE	99913334.1	1068757	A METHOD FOR CONTROLLING CONNECTIONS TO A MOBILE STATION			
	BR	PI9909307.3			cdma2000 (T64)	ARIB	20050920
	CN	99805061.X	99805061.X		IEEE802.16	IEEE	20080408
	DE	99913334.1	69917247		UMTS	ETSI	20010531 and 20010605
	EP	99913334.1	1068757		UMTS (T63)	ARIB	20030130 ver1
	ES	99913334.1	1068757				
	FI	980736	108772				
	FR	99913334.1	1068757				
	GB	99913334.1	1068757				
	IT	99913334.1	1068757				
	JP	2000-541842	3515073				
	NL	99913334.1	1068757				
	SE	99913334.1	1068757				
	US	09/647132	6807421				
	WO	PCT/FI99/00268					
3-Jul-1998	AU	2003204581	2003204581	DATA TRANSMISSION METHOD AND MOBILE TELEPHONE SYSTEM			
	AU	2006202026			UMTS	ETSI	20010531 and 20010605
	BE	99936624.8	1012995				
	CN	99801086.3	99801086.3				
	DE	99936624.8	69917875.4				
	EP	99936624.8	1012995				
	ES	99936624.8	1012995				
	FR	99936624.8	1012995				
	GB	99936624.8	1012995				
	IT	99936624.8	1012995				

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	JP	2003-301639	4087316				
	NL	99936624.8	1012995				
	NO	20001072	320212				
	SE	99936624.8	1012995				
	US	11/152084	7139260				
	US	11/582303					
	US	09/486821	6975615				
	WO	PCT/FI99/00581					
28-Oct-1999	FI	19992330	109746	Method and a device for erasing a notification message	GSM	ETSI	20071231
	US	09/696646	7353015		UMTS	ETSI	20071231
7-Sep-1998	BE	99940435.3	1112627	COMMUNICATION SYSTEM	UMTS (T63)	ARIB	20010905
	BR	PI9913452.7			UMTS	ETSI	20010605
	CH	99940435.3	1112627				
	CN	99812647	99812647				
	DE	99940435.3	69904063.9				
	EP	99940435.3	1112627				
	ES	99940435.3	1112627				
	FR	99940435.3	1112627				
	GB	99940435.3	1112627				
	IT	99940435.3	1112627				
	JP	569534/2000					
	NL	99940435.3	1112627				
	SE	99940435.3	1112627				
	US	09/786772	7024194				
	WO	PCT/IB99/01546					
7-Dec-1998	BE	98966894.2	1135868	POWER CONTROL METHOD AND SYSTEM IN MOBILE COMMUNICATION NETWORKS	UMTS	ETSI	20010531 and 20010605
	BR	PI9816101.6			UMTS (T63)	ARIB	20010905
	CA	2353902	2353902				
	CH	98966894.2	1135868				
	CN	98814388.7	98814388.7				
	DE	98966894.2	69831020.9				
	EP	98966894.2	1135868				
	EP	05014199.3					
	ES	98966894.2	1135868				
	FR	98966894.2	1135868				
	GB	98966894.2	1135868				
	IT	98966894.2	1135868				
	JP	2000-587470	3745622				
	KR	7007110/2001	659754				
	NL	98966894.2	1135868				
	SE	98966894.2	1135868				
	US	09/876462	6493564				
	WO	PCT/EP98/07931					
26-May-1999	AT	929581.7	1180316	Method for initiating in a terminal of a cellular network the measurement of power levels of signals and a terminal	UMTS (T63)	ARIB	20010905
	BR	PI0010959.2			UMTS	ETSI	20010531
	CA	2374864	2374864				
	CH	00929581.7	1180316				
	CN	00809377.6	809377.6				
	DE	00929581.7	60031843.5				
	EP	00929581.7	1180316				
	ES	00929581.7	1180316				
	FI	991194	112583				
	FR	00929581.7	1180316				

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	GB	00929581.7	1180316				
	IT	00929581.7	1180316				
	JP	2006-9717					
	KR	7015139/2001	469687				
	NL	00929581.7	1180316				
	SE	00929581.7	1180316				
	US	09/979208	7096021				
	WO	PCT/FI00/00470					
24-Sep-1999	BR	PI0014248.4		Handover between wireless telecommunication networks/systems	UMTS (T63)	ARIB	20030130 ver2
	CA	2385656	2385656				
	CN	00814585.7	814585.7		UMTS	ETSI	20021219
	DE	00954846.2	60040080.8		GSM	ETSI	20030108
	EP	00954846.2	1214855				
	FR	00954846.2	1214855				
	GB	00954846.2	1214855				
	IT	00954846.2	1214855				
	JP	2001-525995	3694265				
	KR	7003880/2002	728097				
	NL	00954846.2	1214855				
	US	09/406209	6771964				
	WO	PCT/IB00/01271					
11-May-1999	AT	00925334.5	1180315	INTEGRITY PROTECTION METHOD FOR RADIO NETWORK SIGNALING	UMTS (T63)	ARIB	20030130 ver2
	BE	00925334.5	1180315		UMTS	ETSI	20011221
	BR	PI0010408.6					
	CA	2371365	2371365				
	CH	00925334.5	1180315				
	CN	00807372.4	807372.4				
	DE	00925334.5	60001277.8				
	EP	00925334.5	1180315				
	ES	00925334.5	1180315				
	FI	991088	112315				
	FR	00925334.5	1180315				
	GB	00925334.5	1180315				
	IN	173/CHENP/2005					
	IN	IN/PCT/2001/01542/CH					
	IT	00925334.5	1180315				
	JP	00925334.5					
	NL	00925334.5	1180315				
	SE	00925334.5	1180315				
	US	10/009658	7246242				
	WO	PCT/FI00/00421					
26-May-1999	BR	PI9917317.4		Random access control method and system	UMTS	ETSI	
	CA	2374854	2374854		CDMA2000 (T64)	ARIB	
	CN	99816656.1	99816656.1		UMTS (T63)	ARIB	
	DE	99927762.7	69914108.7				
	EP	99927762.7	1188344				
	ES	99927762.7	1188344				
	FR	99927762.7	1188344				
	GB	99927762.7	1188344				
	IT	99927762.7	1188344				
	JP	2006-345875					
	JP	2001-500586	3928777				

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	KR	7014947/2001					
	NL	99927762.7	1188344				
	SE	99927762.7	1188344				
	US	10/014153					
	WO	PCT/EP99/03630					
9-Oct-2000	CN	01817113.3	ZL01817113.3	Communication system			
	EP	01983744.2					
	JP	2002-535430					
	US	10/398718					
	WO	PCT/IB01/02222					
10-Nov-2000	EP	01986835.5		Channel allocation for communication system			
	IN	489/CHENP/2003	211585				
	RU	2003113323	2260923				
	US	10/398716					
	WO	PCT/IB01/02219					
07 Jun 2001	US	09/876560	6941337	Interaction arrangement for a sequence of interactions providing a service to a user			
9-Oct-2000	AU	2002215162	2002215162	Radio resource management	Not declared		
	BR	PI0114497.9			UMTS (T63)	ARIB	not found
	CA	2423322			UMTS	ETSI	20051222
	CN	1817112.5	1817112.5		GSM	ETSI	20051117
	DE	01983742.6	1325660				
	EP	01983742.6	1325660				
	FR	01983742.6	1325660				
	GB	01983742.6	1325660				
	IT	01983742.6	1325660				
	NL	01983742.6	1325660				
	JP	2007-264765					
	JP	2002-535435					
	RU	2003113325	2277762				
	US	10/398739	7072663				
	WO	PCT/IB01/02220					
28-Mar-2002	CA	2480749		Method and system for re-authentication in IP multimedia core network system (IMS)			
	CN	03810667.1			cdma2000 (T64)	ARIB	20040129
	EP	03745349.5			GSM	ETSI	20031219
	JP	2003-581522			UMTS	ETSI	20031219
	KR	7015630/2004	583845		UMTS (T63)	ARIB	20040325 ver3
	MX	PA/A/2004/009413	246287				
	RU	2004131851	2286018				
	US	10/307420	6859651				
	WO	PCT/IB03/01022					
30-Jul-1999	AT	00950589.2	1205084	SYSTEM AND METHOD FOR PERFORMING SOFT HANDOFF BETWEEN FREQUENCY DIVISION DUPLEX AND TIME DIVISION DUPLEX COMMUNICATION SYSTEMS	UMTS	ETSI	20020704
	BR	PI0012970.8					
	CA	2379415			UMTS (T63)	ARIB	20030130 ver1
	CH	00950589.2	1205084				
	CN	811001.8	811001.8				
	DE	00950589.2	1205084				
	EP	00950589.2	1205084				
	ES	00950589.2	1205084				
	FR	00950589.2	1205084				
	GB	00950589.2	1205084				

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	IT	00950589.2	1205084				
	JP	2001-513926					
	KR	7001348/2002	796818				
	NL	00950589.2	1205084				
	SE	00950589.2	1205084				
	US	09/364523	6611507				
	WO	PCT/US00/20074					
20-Aug-1999	AU	2001243533	2001243533	Technique for compressing a header field in a data packet	IETF	IETF	20020423
	BR	PI0109097.6			GSM	ETSI	20031219
	CA	2402438	2402438		UMTS (T63)	ARIB	20030130 ver2
	CN	200410097483.80			UMTS	ETSI	20020419
	CN	01806173.7	1806173.7		cdma2000 (T64)	ARIB	20020801
	EP	01916516.6					
	IN	IN/PCT/2002/01380/CH					
	IN	TBA					
	JP	2007-236622					
	JP	2001-565612					
	KR	2002-7011788	502313				
	MX	PA/a/2002/008806	232254				
	RU	2002126997	2278478				
	US	09/522363	6680955				
	WO	PCT/US01/07573					
11 Jun 2001	CN	02811726.3	2811726.3	Method and apparatus for coding successive pitch periods in speech signal	Not declared		
	EP	02727961.1					
	KR	2003-7016101					
	US	09/878762	6584437				
3-Apr-1998	BE	99911842.5	1072162	METHOD AND APPARATUS FOR POWER CONTROL IN A MOBILE TELECOMMUNICATION SYSTEM			
	BR	PI9909387.1			UMTS (T63)	ARIB	20010905
	CN	99804689.2	99804689.2		UMTS	ETSI	20010605
	DE	99911842.5	69904711				
	EP	99911842.5	1072162				
	ES	99911842.5	2188145				
	FI	980780	114060				
	FR	99911842.5	1072162				
	GB	99911842.5	1072162				
	IT	99911842.5	1072162				
	JP	2000-542942	3871614				
	NL	99911842.5	1072162				
	SE	99911842.5	1072162				
	US	09/647587	6678531				
	WO	PCT/FI99/00257					
17-Feb-1998	CA	2320775	2320775	Measurement reporting in a telecommunication system	UMTS	ETSI	20010531 and 20010605
	CN	200810091989.60			UMTS (T63)	ARIB	20010905
	CN	99803036.8	99803036.8				
	DE	99902583.6	69907877.6				
	EP	99902583.6	1057357				
	ES	99902583.6	1057357				
	FI	980357	106285				
	FR	99902583.6	1057357				
	GB	99902583.6	1057357				
	IT	99902583.6	1057357				
	JP	2000-532992	4122132				
	NL	99902583.6	1057357				

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	SE	99902583.6	1057357				
	US	09/622468	7003290				
	WO	PCT/FI99/00096					
17-Feb-1998	DE	2021007.6	69928137.7	Measurement reporting in a telecommunication system			
	EP	2021007.6	1276344				
	ES	2021007.6	1276344				
	FR	2021007.6	1276344				
	GB	2021007.6	1276344				
	IT	2021007.6	1276344				
	NL	2021007.6	1276344				
	SE	2021007.6	1276344				
	US	11/293695					
6-Oct-1998	BE	98954361.6	1119993	PAGING CONTROL METHOD AND APPARATUS	UMTS (T63)	ARIB	20030130 ver1
	CA	2343026	2343026		UMTS	ETSI	20010531 and 20010605
	CH	98954361.6	1119993				
	CN	98814267.8	98814267.8				
	DE	98954361.6	69821146.4				
	EP	98954361.6	1119993				
	ES	98954361.6	1119993				
	FI	98954361.6	1119993				
	FR	98954361.6	1119993				
	GB	98954361.6	1119993				
	IT	98954361.6	1119993				
	JP	2000-575324	3411907				
	NL	98954361.6	1119993				
	SE	98954361.6	1119993				
	US	09/824938	7089023				
	WO	PCT/EP98/06360					
5-Jan-1999	AU	21124/00	759822	Transporting QoS mapping information in a packet radio network	cdma2000 (T64)	ARIB	not found
	BE	00901155.2	1151586		GSM	ETSI	20071231
	CA	2358194	2358194		UMTS (T63)	ARIB	20030130 ver1
	CH	00901155.2	1151586		UMTS	ETSI	20010531 and 20010605
	CN	802587.3	802567.3				
	DE	00901155.2	60003525.5				
	EP	00901155.2	1151586				
	ES	00901155.2	1151586				
	FR	00901155.2	1151586				
	GB	00901155.2	1151586				
	IT	00901155.2	1151586				
	JP	2000-593020	3625769				
	MX	PA/A/2001/006861	224997				
	US	11/344129					
	US	09/891509	7167447				
	WO	PCT/FI00/00003					
1-Jun-1999	AU	50975/00	773521	Wireless telecommunications system employing dynamic multislot class	GSM	ETSI	20030108
	CN	200610105909.90					
	CN	00808273.1	808273.1				
	EP	00935436.6					
	HK	08106252.2					
	IN	IN/PCT/2001/01486	209398				
	RU	2001135850	2263414				
	US	09/476404	6665289				
	WO	PCT/IB00/00825					

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12-May-2000	US	09/570102	6870858	Training sequence based signalling for enhanced general packet radio service (EGPRS)	GSM	ETSI	20051117
	WO	PCT/IB01/00786					
2-Nov-1999	AT	00972954.2	1226733	Signalling method	UMTS (T63)	ARIB	20030130 ver2
	AU	11512/01	776109		UMTS	ETSI	20011221
	BR	PI0014218.2					
	CA	2389711	2389711				
	CH	00972954.2	1226733				
	CN	00815207.1	815207.1				
	DE	00972954.2	60031566.5				
	EP	00972954.2	1226733				
	ES	00972954.2	1226733				
	FI	19992389	109320				
	FR	00972954.2	1226733				
	GB	00972954.2	1226733				
	IT	00972954.2	1226733				
	JP	2000-321477	3502604				
	KR	2002-7004347	451298				
	MX	PA/a/2002/004345	222863				
	NL	00972954.2	1226733				
	SE	00972954.2	1226733				
	TR	00972954.2	1226733				
	US	09/704205	6751227				
	US	11/454183					
	WO	PCT/FI00/00955					
11-Feb-2000	AU	25482/00	771457	TRANSMIT DIVERSITY METHOD AND SYSTEM	UMTS	ETSI	20011221
	BE	00903687.2	1097525		UMTS (T63)	ARIB	20030130 ver1
	CH	00903687.2	1097525				
	CN	00800870.1	800870.1				
	DE	00903687.2	60010408.7				
	EP	00903687.2	1097525				
	ES	00903687.2	1097525				
	FR	00903687.2	1097525				
	GB	00903687.2	1097525				
	IT	00903687.2	1097525				
	JP	2000-620753	3917375				
	NL	00903687.2	1097525				
	NO	20010290	323647				
	SE	00903687.2	1097525				
	US	09/741135	6754286				
	WO	PCT/EP00/01127					
1-Mar-2000	AT	1913917.9	1264506	Counter initialization, particularly for radio frames	UMTS	ETSI	20011221
	BR	PI0108832.7			UMTS (T63)	ARIB	20030130 ver1
	CA	2401057	2401057				
	CH	01913917.9	1264506				
	CN	01805864.7	1805864.7				
	DE	01913917.9	60125519.4				
	EP	01913917.9	1264506				
	ES	01913917.9	1264506				
	FI	20001052	110974				
	FR	01913917.9	1264506				
	GB	01913917.9	1264506				
	IT	01913917.9	1264506				
	JP	2001-563560	3706580				
	KR	7011518/2002	689251				

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	NL	01913917.9	1264506				
	SE	01913917.9	1264506				
	TR	01913917.9	TR200701220T4				
	US	11/855208					
	US	10/231364	7289630				
	WO	PCT/FI01/00202					
8-Aug-2001	CA	2455859					
	CN	01823530.1	1823530.1	Diversity transmitter and diversity transmission method	LTE	ETSI	20080625
	EP	01960642.5					
	ID	W-00200400243					
	IN	501/CHENP/2004					
	JP	2003-520127	3978426				
	KR	7001960/2004	629465				
	US	11/816588					
	US	10/398581	7158579				
	WO	PCT/EP01/09231					
14-Sep-1998	CN	99810886.3	ZL99810886.3				
	EP	99942934.3					
	FI	981979					
	HK	02102101.0	108200				
	JP	2000-570090	1040669				
	US	09/394951	3433186				
	WO	PCT/FI99/00728	6385451				
5-Jul-1999	AU	58322/00	770997	METHOD OF IDENTIFYING INFORMATION ADDRESSED TO A USER IN A COMMUNICATION SYSTEM, AND A COMMUNICATION SYSTEM			
	BE	00944086.8	1114526		UMTS	ETSI	20010531 and 20010605
	CH	00944086.8	1114526		UMTS (T63)	ARIB	20010905
	CN	200310116460.20					
	CN	00801320.9	801320.9				
	DE	00944086.8	60017351.8				
	EP	00944086.8	1114526				
	ES	00944086.8	1114526				
	FI	991534	107675				
	FR	00944086.8	1114526				
	GB	00944086.8	1114526				
	IT	00944086.8	1114526				
	JP	2001-508078	3845014				
	NL	00944086.8	1114526				
	NO	20011094					
	SE	00944086.8	1114526				
	US	09/763946	7085248				
	WO	PCT/FI00/00614					
30-Jun-1998	AT	99932755.4	E274261	DATA TRANSMISSION IN A TDMA SYSTEM	GSM	ETSI	20051117
	DE	99932755.4	1092288				
	EP	99932755.4	1092288				
	EP	04019481.3					
	FR	99932755.4	1092288				
	GB	9814080.9	2339113				
	US	10/052263	6819937				
	US	09/342843	7158489				
	WO	EP99/04503					
16-Jun-1998	BR	PI9911304.0		METHOD FOR THE CONTROL OF COMMUNICATION AND COMMUNICATIONS SYSTEM			
	CN	99807410.1	99807410.1		UMTS (T63)	ARIB	20030130 ver1
					UMTS	ETSI	20010531 and 20010605

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Priority date	Country	Application No.	Grant No.	Title	Standard		
	DE	99931296	1088460				
	EP	99931296	1088460				
	ES	99931296	1088460				
	FI	981398	106830				
	FR	99931296	1088460				
	GB	99931296	1088460				
	GR	99931296	1088460				
	IT	99931296	1088460				
	JP	2000-555452	3448564				
	NL	99931296	1088460				
	PT	99931296	1088460				
	US	09/719586	6801786				
	WO	PCT/FI99/00522					
29-Aug-1998	DE	99939471.1	1108315	NEIGHBOUR CELL MEASUREMENTS FOR CELL RE-SELECTION	GSM	ETSI	20020724
	EP	99939471.1	1108315				
	FI	981855	107861				
	FR	99939471.1	1108315				
	GB	99939471.1	1108315				
	JP	2000-568224					
	NL	99939471.1	1108315				
	US	09/385109	6377803				
	WO	PCT/FI99/00690					
9-Nov-1998	AU	12740/00	760831	METHOD AND ARRANGEMENT FOR OPTIMAL SCHEDULING OF SLOTTED-MODE RELATED MEASUREMENTS IN A CELLULAR RADIO SYSTEM	UMTS (T63)	ARIB	20010905
	BE	99956045.1	1131972		UMTS	ETSI	20010531 and 20010605
	CH	99956045.1	1131972				
	CN	99813100.8	99813100.8				
	DE	99956045.1	1131972				
	EP	99956045.1	1131972				
	ES	99956045.1	1131972				
	FI	982432	108270				
	FR	99956045.1	1131972				
	GB	99956045.1	1131972				
	IT	99956045.1	1131972				
	JP	11-318161	3433148				
	NL	99956045.1	1131972				
	SE	99956045.1	1131972				
	US	09/435910	6532226				
	WO	PCT/FI99/00927					
23-Nov-1998	AT	99958201.8	1131973	METHOD AND ARRANGEMENT FOR AVOIDING LOSS OF ERROR-CRITICAL NON-REAL TIME DATA DURING CERTAIN HANDOVERS	UMTS (T63)	ARIB	20030130 ver1
	BE	99958201.8	1131973		UMTS	ETSI	20011221
	CH	99958201.8	1131973				
	CN	99813624.7	99813624.7				
	DE	99958201.8	1131973				
	EP	99958201.8	1131973				
	ES	99958201.8	1131973				
	FI	982531	107864				
	FR	99958201.8	1131973				
	GB	99958201.8	1131973				
	IT	99958201.8	1131973				
	JP	2000-584714	3507440				

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	NL	99958201.8	1131973				
	SE	99958201.8	1131973				
	US	09/443262	7016678				
	WO	PCT/FI99/00964					
1-Sep-1999	US	09/652337	6602635	METHOD AND ARRANGEMENT FOR ANTICIPATING DISENGAGEMENT MOMENT OF BATTERY PACKAGE OF BATTERY-OPERATED ELECTRONIC DEVICE, AND BATTERY-OPERATED ELECTRONIC DEVICE			
16-Mar-1999	CN	00805040.6	805040.6	Method in the selection of a transfer window, and a mobile station	GSM	ETSI	
	EP	00912686.3					
	FI	990590	106498				
	JP	2000-605421	3507443				
	US	09/527435	6891818				
	WO	PCT/FI00/00199					
7-Oct-2003	DE	60310009		Electronic device update by establishing data connection with server via a mobile station	not declared		
	EP	03396093.1	1408709				
	FR	03396093.1	1408709				
	GB	03396093.1	1408709				
14-Feb-2000	AT	01907602.5	1266500	DATA PACKET NUMBERING IN PACKET-SWITCHED DATA TRANSMISSION	UMTS	ETSI	20011221
	BR	PI0108226.4			UMTS (T63)	ARIB	20030130 ver2
	CA	2398486	2398486				
	CN	200410061526.70	200410061526.70				
	DE	01907602.5	60102809				
	DK	01907602.5	1266500				
	EP	01907602.5	1266500				
	ES	01907602.5	1266500				
	FI	20000315	112305				
	FR	01907602.5	1266500				
	GB	01907602.5	1266500				
	GR	01907602.5	1266500				
	IT	01907602.5	1266500				
	JP	2007-50206					
	JP	2001-559225					
	KR	2002-7010564	458533				
	NL	01907602.5	1266500				
	SG	200204331.3	90536				
	TR	01907602.5	200401721T4				
	US	09/780529	7167475				
	WO	PCT/FI01/00130					
	ZA	2002/6438	2002/6438				
9-Jan-2001	BR	PI0206380.8		Method and appratus for improving radio spectrum usage and decreasing user data delay when providing packet PSI status	GSM	ETSI	20020724
	CA	2434266					
	CN	200710180200.X					
	CN	02806247.7	2806247.7				
	DE	02729473.5	1352532				
	EP	02729473.5	1352532				
	EP	7100420.4					
	GB	02729473.5	1352532				
	HK	3108981.1	1056661				
	JP	2002-557146	4184792				

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	KR	2003-7009202	649542				
	SG	200304133.2	98220				
	US	11/508475					
	US	10/004477	7136363				
	US	11/973288					
	WO	PCT/IB02/00010					
	ZA	2003/5311	2003/5311				
9-Jan-2001	BE	02702578.2	1350397	METHOD FOR DYNAMICALLY MAPPING CHANNELS FOR NEW GSM FREQUENCY BANDS	GSM	ETSI	20020724
	BR	PI0206257.7					
	CA	2431726	2431726				
	CH	02702578.2	1350397				
	CN	02803562.3	2803562.3				
	DE	02702578.2	1350397				
	EP	02702578.2	1350397				
	ES	02702578.2	1350397				
	FR	02702578.2	1350397				
	GB	02702578.2	1350397				
	IT	02702578.2	1350397				
	KR	2003-7008973	593458				
	NL	02702578.2	1350397				
	SE	02702578.2	1350397				
	SG	200303579.7	97566				
	TR	02702578.2	200704021T4				
	US	10/040896	6748219				
	WO	PCT/IB02/00012					
	ZA	2003/4872	2003/4872				
12-Dec-2001	BR	PI0214704.1		Method, apparatus and system for synchronizing a cellular communication system to GPS time	not declared		
	CA	2469924					
	CN	02828031.8					
	EP	02804634					
	JP	2003-552010					
	KR	2008-7012389					
	KR	2004-7008640					
	US	10/830270	6925292				
	US	10/016140	6748202				
	WO	PCT/IB02/05183					
3-Apr-2002	CN	200810125005.10		3G MEASUREMENTS IN PBCCH CELL IN DEDICATED GSM MODE	GSM	ETSI	20051117
	CN	03807787.6	3807787.6				
	EP	03745361.0					
	IN	2171/CHENP/2004					
	JP	2003-581379					
	KR	2004-7015584					
	MY	PI20031087					
	RU	2004132193	2320098				
	TW	92107019	I 265740				
	US	10/115624	6765891				
	WO	PCT/IB03/01129					
	ZA	2004/7930	2004/7930				
24-Oct-2002	AU	2003257870	2003257870	Transport block size (TBS) signaling enhancement	UMTS	ETSI	20040701
	BR	PI0304678.8			UMTS (T63)	ARIB	20050920 ver4.50_2
	CA	2446024	2446024				
	CN	200310104364.60	200310104364.60				

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Priority date	Country	Application No.	Grant No.	Title	Standard		
	DE	03024480.0	1414202				
	EP	03024480 0	1414202				
	EP	7012950.7					
	ES	03024480 0	1414202				
	FR	03024480 0	1414202				
	GB	03024480.0	1414202				
	HU	03024480 0	1414202				
	IN	853/CHE/2003	198686				
	IT	03024480.0	1414202				
	JP	2003-383512	3850826				
	KR	74401/2003	553022				
	MX	PA/A/2003/009730	239881				
	MY	PI 20034052					
	NL	03024480.0	1414202				
	RO	03024480.0	1414202				
	RU	2003131271	2274955				
	TW	92129373	253255				
	US	10/287810	7289452				
23-Jan-2004	EP	04806321.8		Enhancement of dual transfer mode when circuit switched resources are released	GSM	ETSI	20060628
	HK	07101003.6					
	IN	4635/DELNP/2006					
	PE	000068 2005/OIN	4685				
	SG	200604944 9	124165				
	TH	098796					
	TW	94101734					
	US	11/327538					
	US	10/763936	7016342				
	VE	05105					
	VN	1-2006-01381					
	WO	PCT/IB2004/004043					
30-Mar-2005	AU	2006228384		UTILIZING A SAME TARGET CELL DURING CIRCUIT-SWITCHED AND PACKET SWITCHED HANDOVER	GSM	ETSI	20070629
	CA	2602105					
	CN	200680010327 00					
	EP	06727361 5					
	IN	6661/DELNP/2007					
	MY	PI20061395					
	SG	200708574 9					
	TW	95111130					
	US	11/390993					
	WO	PCT/IB2006/000684					

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Maa:
   Land: Suomi
   Finland

   Tämän yleisen asiakirjan:
   Denna allmänna handling:

2. on allekirjoittanut
   är undertecknad av: Paula Ojaniemi

3. toimiessaan
   i egenskap av: julkisena notaarina

4. Siinä oleva leima/sinetti on
   är försedd med sigill/stämpel av: Helsingin maistraatti

Todistetaan
Intygas

5. Helsingi ssa
   i

6. 28 päivänä loka kuuta 2008
   den

7. Toni Ruotsalainen, julkinen notaari
   av

8. No 14040
   Nr

9. Sinetti/leima:
   Sigill/stämpel

10. Allekirjoitus:
    Underskrift:

Toni Ruotsalainen
julkinen notaari

OH 70329098K

631612C/2601L